

Clarkson Taylor, Prof. Edward Parrish, Mr. Chas. Wilson Peale, Mr. James H. Orne, Prof. John F. Frazer, Dr. Mifflin Wister, Constant Guillou, Maj. Gen. G. G. Meade, U.S.A., and S. Emlen Randolph.

One correspondent, namely: Sir Roderick J. Murchison.

Two resignations of membership have been accepted.

The number of papers contributed and ordered to be printed in the Proceedings of the Academy during the year, has been twenty-seven, as follows:—

F. B. Meek	1	Geo. W. Tryon, Jr.	7
E. D. Cope	3	T. Hale Streets, M. D.	1
O. Finsch	1	Thomas Bland and W. G. Binney .	1
Thomas Meehan	2	John G. Cooper	1
E. L. Berthoud	1	Isaac Lea, LL.D.	1
T. A. Conrad	2	Theo. Gill, M.D.	1
Elliott Coues	2	Wm. M. Gabb	3

Five papers ordered to be published in medical journals, as follows:—

Joseph Leidy, M.D.	1	Albert Frické, M.D.	1
James Tyson, M.D.	1	Jos. G. Richardson, M.D.	2

All of which is respectfully submitted,

SAMUEL B. HOWELL,
Recording Secretary.

REPORT OF RECORDER OF BIOLOGICAL AND
MICROSCOPICAL SECTION.

Read before the Section December 2d, 1872, and directed to be forwarded to the Academy as the Report of the Section for the current year.

The closing business year of 1872 leaves our Biological and Microscopical Section in a much more healthy and vigorous condition than did its immediate predecessor. In spite of the gloomy forebodings, which twelve months ago threatened our department with complete and speedy extinction, we can this evening look back to a better record, of real scientific work accomplished during the past year, than even warm friends of a Microscopical society dared at one time to hope was within the bounds of possibility. When we remember that our eminently honorable and useful parent Academy of the Natural Sciences, with her far larger membership, and wider claims upon the scientific world for support, has on a few untoward occasions even found it difficult to

convenc the quorum requisite to transact her ordinary business, we may well feel encouraged to persevere in thus meeting together, although the paucity of our number sometimes might otherwise be enough to dishearten the most earnest seeker after truth among us.

Prominent in the list of triumphs during the past year, stands of course our Exhibition of microscopes and microscopical apparatus, given in Horticultural Hall, to the American Medical Association, on the evening of May 7th, and witnessed with warmly expressed satisfaction, not only by the members of the National Convention and their ladies, but also by hundreds of the inhabitants of Philadelphia, whose awakening interest in the wonders and beauties of microscopy, as well as their enjoyment of the results attained by microscopic investigation, formed a gratifying feature of the occasion. At this exhibition one hundred and six instruments, adjusted to a classified collection of objects, illustrating most of the different applications of the higher magnifying powers, to researches in Medicine, Natural History, Botany, Chemistry, etc., were arranged upon our tables. The display of microscopes is said to have been the largest ever gathered together for a similar reception in America, and it excited much admiration among both visitors and citizens. There is no doubt that such demonstrations of downright facts, in regard to the advancement of our knowledge of nature, either with or without the aid of the microscope, will lead to a more and more just appreciation of the inestimable value an Academy for the study of the natural sciences has to the community at large, and thus contribute in some measure towards creating that much needed disposition, among merchants and business men, to foster such an institution, by subscribing the comparatively trivial amount of pecuniary endowment necessary for its successful operation and support.

Among the more or less elaborated papers and oral communications, presented before the section during the past year, may be enumerated Dr. Henry C. Chapman's remarks upon Embryology, profusely illustrated by charts and drawings, and his comments this evening upon the Polycystina, etc.; Dr. Albert Frické's valuable contribution to the medical history of our recent Equine epidemic; Dr. J. H. McQuillen's description of Salivary calculus and Oral Mierozoa; Dr. Isaac Norris' paper on the History and value of Polarized light as applied to the microscope; Dr. J. G.

Hunt's dissertation on the Preparation and preservation of Tissues; Mr. Joseph Zentmayer's discourse upon Erectors and a new Erecting prism; Dr Jas. Tyson's article on Urinary microscopy, and his interesting oral communication upon Practical Histology in Germany; and Dr. Jos. G. Richardson's papers on Certain Human Parasitic Fungi, and their relations to disease, and upon a new method of preserving Tumors and some urinary deposits during transportation.

Discussions upon the various subjects thus brought under the consideration of the members, have been remarkable for their unusually practical and useful character; indeed, so eminent have they appeared in this respect, that reports of our proceedings have always been warmly welcomed by the Editors of The Philadelphia Medical Times, in whose interesting columns they, as well as several of the papers read before the Section, have from time to time been published.

All of which is respectfully submitted,

JOS. G. RICHARDSON, *Recorder.*

REPORT OF CONSERVATOR OF CONCHOLOGICAL SECTION.

The Conservator of the Conchological Section respectfully reports that the donations to the Cabinet, during the past year, have been as follows:—

BEADLE, Rev. E. R. *Helix Schrammi*, from St. Martins, W. I.

BLAND, THOS. *Bulimus aureolus*, from West Indies.

CONRAD, T. A. *Ancylus*, from Trenton, N. J., and twenty-seven species of *Unionidæ*, from the vicinity of Raleigh, N. C., determined for the Section by Mr. Lea.

DALL, W. H. Nine species of *Acmaea*, types of new species.

GABB, WM. M. Small collection of terrestrial and marine mollusca, from St. Domingo.

JEWETT, Col. E. Two species, from Charlotte Harbor, Fla.

NEWCOMB, W. *Carelia extincta*, n. s. from Sandwich Islands.

PENNOCK, Mrs. CAROLINE. Egg-cases of *Fusus Islandicus*, *Purpura lapillus*, from Isle of Shoals, off Portsmouth, N. H.

PEASE, W. HARPER. Six species of marine mollusca, from Central Pacific Ocean, types.